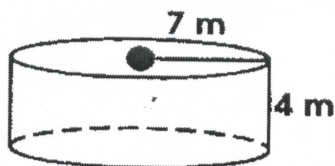


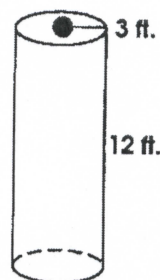
For #1 - 5, leave your answers in terms of π

1.



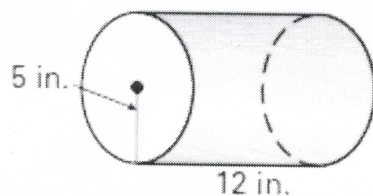
circumference 14π m l.a. 56π m²
 area of base 49π m² s.a. 154π m²
 volume 196π m³

2.



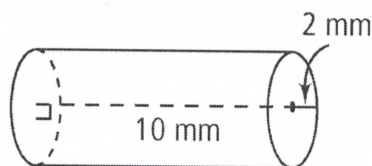
circumference 6π ft l.a. 72π ft²
 area of base 9π ft² s.a. 90π ft²
 volume 108π ft³

3.



circumference 10π in. l.a. 120π in.²
 area of base 25π in.² s.a. 170π in.²
 volume 300π in.³

4.



circumference 4π mm l.a. 40π mm²
 area of base 4π mm² s.a. 48π mm²
 volume 40π mm³

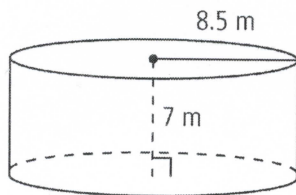
5.



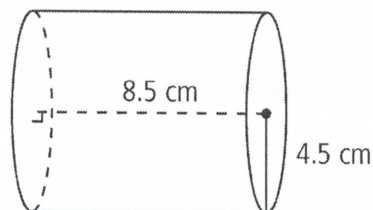
circumference 4π cm
 area of base 4π cm²
 l.a. 88π cm²
 s.a. 96π cm²
 volume 88π cm³

For #6 - 10, leave your answers in terms of π

6.



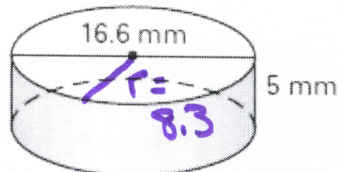
7.



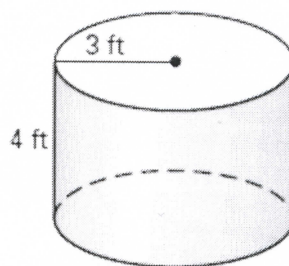
circumference 17π m l.a. 119π m²
 area of base 72.25π m² s.a. 263.5π m²
 volume 505.75π m³

circumference 9π cm l.a. 76.5π cm²
 area of base 20.25π cm² s.a. 117π cm²
 volume 172.13π cm³

8.



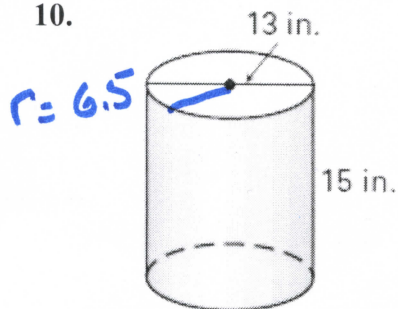
9.



circumference 16.6π mm l.a. 83π mm²
 area of base 68.9π mm² s.a. 220.8π mm²
 volume 344.5π mm³

circumference 6π ft l.a. 24π ft²
 area of base 9π ft² s.a. 42π ft²
 volume 36π ft³

10.



circumference 13π in.
 area of base 42.25π in.²
 l.a. 195π in.²
 s.a. 279.5π in.²
 volume 633.75 in.³